

ITEM:

SUBJECT: United States Department of the Air Force, Former McClellan Air Force Base,
Ground Water Extraction and Treatment System (GWTS),
Sacramento County

BOARD ACTION: *Consideration of Adoption of Revisions to NPDES Permit*

BACKGROUND: The United States Department of the Air Force owns and operates a groundwater treatment system (GWTS) designed to extract and treat groundwater contaminated with volatile organic compounds (VOC's). The GWTS has been expanded and is now designed to treat a maximum of 2.88 million gallons per day (mgd) of extracted groundwater. Treated groundwater is subsequently discharged to Magpie Creek, tributary to the Magpie Creek Diversion, tributary to Robla (Rio Linda) Creek, tributary to the Natomas East Main Drainage Canal, tributary to the Sacramento River. A small portion of the flow, up to 0.144 mgd, is also discharged to a wetland which drains to adjacent Don Julio Creek, which is tributary to Magpie Creek. Proposed revisions to this Order would allow an increase in discharge flows from 2.16 mgd to 2.88 mgd. Revisions to the Order will also allow the use of temporary storage basins which have been configured to allow for diversion of the effluent discharge from Magpie Creek at times when the effluent quality is uncertain and may potentially exceed the NPDES permit effluent limitations. This reconfiguration of the system was designed in response to the new restrictions on the amount of water which may be discharged to the sanitary sewer. The purpose of this reconfiguration is to ensure compliance with effluent limitations in both the NPDES permit and industrial sewer discharge permit prior to discharge.

RECOMMENDATION: Adopt the proposed revisions.

Mgmt. Review _____

Legal Review _____

20/21 October 2005
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